

ShallowTray™

low profile air strippers

System Performance Estimate

Client & Proposal Information:

Hazwrap
Proposal #1093819
Paul Seday

Model chosen: 3600
* Water Flow Rate: 135.0 gpm
Air Flow Rate: 900 cfm
* Water Temp: 40.0 F
* Air temp: 0.0 F
* A/W Ratio: 49.9 cu. ft/ cu. ft
Safety Factor: None

Contaminant	Untreated Influent	Model 3611 Effluent Water Air(lbs/hr) % removal	Model 3621 Effluent Water Air(lbs/hr) % removal	Model 3631 Effluent Water Air(lbs/hr) % removal	Model 3641 Effluent Water Air(lbs/hr) % removal
Bromodichloromethane	* 10 ppb	5 ppb 0.000338 55.3910%	2 ppb 0.000540 80.1004%	1 ppb 0.000608 91.1230%	1 ppb ± 0.000608 96.0400% ±
Chloroform	* 50 ppb	20 ppb 0.002026 60.9453%	8 ppb 0.002836 84.7473%	3 ppb 0.003174 94.0431%	2 ppb ± 0.003241 97.6736% ±
Trichloroethylene	* 24 ppb	7 ppb 0.001148 72.3614%	2 ppb 0.001486 92.3611%	1 ppb 0.001553 97.8887%	<1 ppb ± 0.001611 99.4165% ±

Patricia: My comment ABOUT sensitivity ANALYSIS meant that I felt it would BE A good idea to vary the *ed parameters, & see what happens to the output (±). You would only do this for Model 3641. This ANALYSIS could be part of your post-implementation Report.

- ED JONES

USEPA SF



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